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# COAL NONFATAL

UNITED STATES  
DEPARTMENT OF LABOR  
MINE SAFETY AND HEALTH ADMINISTRATION

District 9

REPORT OF INVESTIGATION  
(Underground Coal Mine)

NONINJURY COAL MINE OUTBURST (BOUNCE) ACCIDENT

L. S. Wood Mine (ID No. 05-00300)  
Mid-Continent Resources, Inc.  
Redstone, Pitkin County, Colorado

April 28, 1982

by

Robert L. Huggins  
Coal Mine Inspector

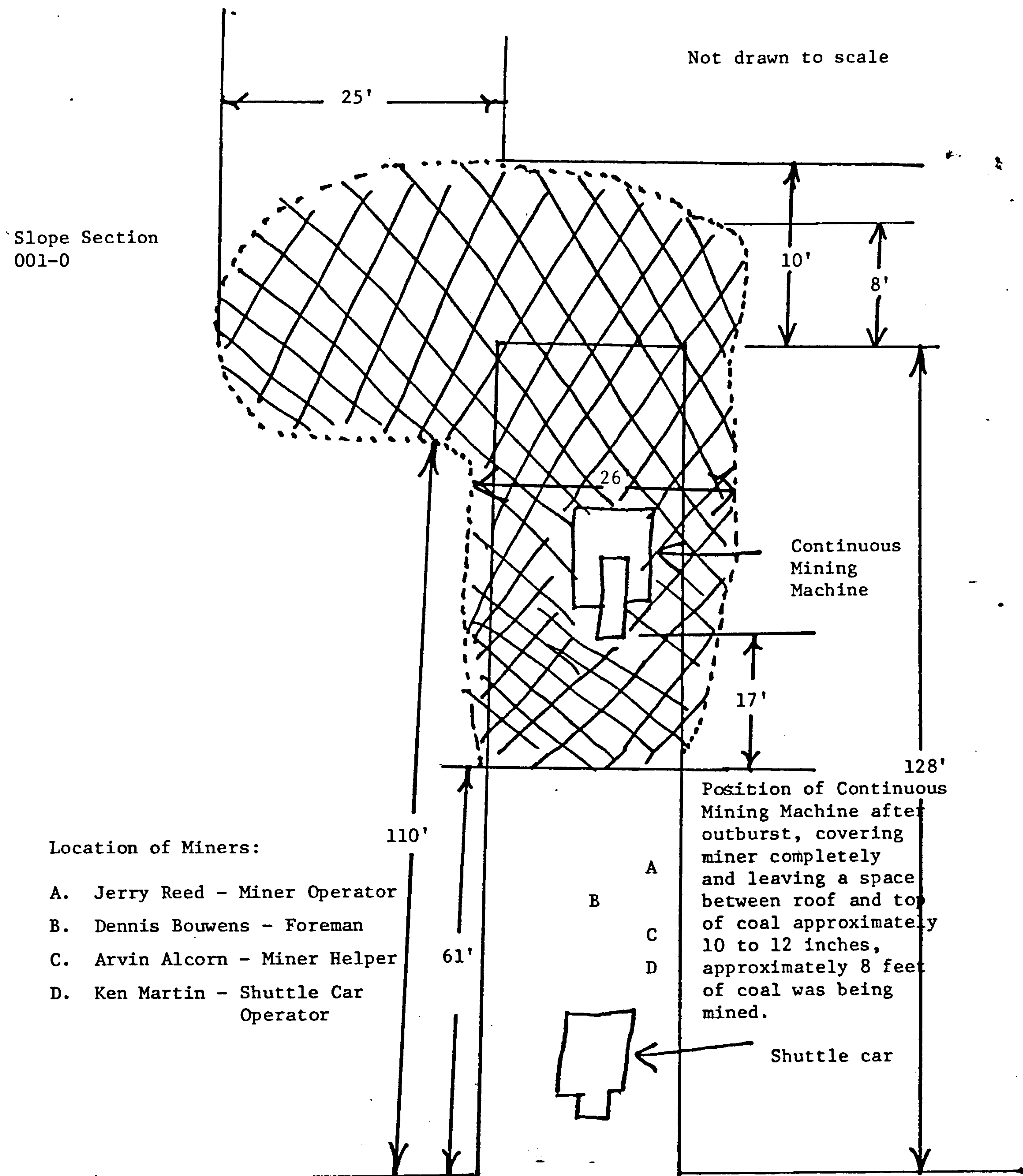
Originating Office - Mine Safety and Health Administration  
Drawer J, 575 East First South, Price, Utah 84501  
Jensen L. Bishop, Subdistrict Manager

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# Abstract of Investigation

U.S. Department of Labor  
Mine Safety and Health Administration



## Authority —

This report is based on an investigation made pursuant to the Federal Mine Safety and Health Act of 1977, Public Law 95-173, as amended by Public Law 95-164.

### SECTION A — IDENTIFICATION DATA

Noninjury Coal Mine Outburst  
1. Title of investigation: (Bounce) Accident  
2. Date MESA investigation started: 04/28/82  
3. Report release date: August 5, 1982  
4. Mine: L. S. Wood  
5. Mine ID number: 05-00300  
6. Company: Mid-Continent Resources, Inc.  
7. Town, County, State: Redstone, Pitkin Co., CO  
8. Author(s): Robert L. Huggins

### SECTION D — ORIGINATING OFFICE

18 Mine Safety and Health Administration  
Coal Mine Health and Safety District No.: 9  
Address: Drawer J. Price, UT 84501

### SECTION B — MINE INFORMATION

9. Daily production: 1,345 tons  
10. Surface employment: 6  
11. Underground employment: 101  
12. Name of coalbed: Coal Basin "B"  
13. Thickness of coalbed: 84 inches

### SECTION C — LAST QUARTERLY FREQUENCY RATE (HSAG) FOR

14. Industry: 15.40  
15. This operation: 13.02  
16. Training program approved: 05/09/78  
06/25/80 Mod  
17. Mine Profile Rating: \_\_\_\_\_

### SECTION E — ABSTRACT

On Wednesday, April 28, 1982, about 8:40 a.m., an outburst of coal (push-  
out) occurred in the face of the #3 entry in the slope section. The  
accident occurred because of the over burden which is in excess of  
2,500 feet.

### SECTION F — MINE ORGANIZATION

Company officials:	Name	Address
19. President:	John A. Reeves	P. O. Box 158, Carbondale, CO 81623
20. Superintendent:	Tom Scott	P. O. Box 158, Carbondale, CO 81623
21. Safety Director:	Donald Ford	P. O. Box 158, Carbondale, CO 81623
22. Principle officer—H&S:	Tom Scott	P. O. Box 158, Carbondale, CO 81623
23. Labor Organization:	None	
24. Chairman—H&S Committee:	NA	

## Commentary

On Wednesday, April 28, 1982, at 7:00 a.m., the day shift mining crew, under the supervision of Dennis Bouwens, section foreman, entered the mine and traveled to the slope section, arriving about 8:30 a.m. Bouwens examined the working places and then assigned duties and work location to the crew. The continuous mining machine was trammed into the #3 entry and the face was advanced 10 to 12 feet. Bouwens then told the crew to bring the miner out so the face could be drilled and volleyfired. The continuous mining machine, run by remote control, had just gotten back under the permanent roof supports when the bounce occurred. The three crew members Jerry Reed, remote control continuous mining machine operator, Arvin Alcorn, miner helper, Ken Martin, shuttle car operator, and the section foreman Dennis Bouwens ran from the entry without suffering any injury. The outburst pushed the continuous mining machine back up the entry approximately 20 inches completely covering the continuous mining machine and filling the entry with coal 17 feet outby the end of the continuous mining machine boom. The occurrence was reported to MSHA Acting Supervisor Lee Smith at the office by telephone at 9:20 a.m. on April 28, 1982. An investigation was started immediately.

## Discussion and Evaluation

The investigation revealed the following factors relevant to the occurrence of the outburst of coal:

1. The force of the outburst coming from the face of the #3 entry pushed loose coal approximately 67 feet outby filling the entire entry except for 10 to 12 inches from the mine roof to the top of the loose coal.
2. The outburst of coal did affect ventilation.
3. This seam of coal has considerable overburden in excess of 2,500 feet.
4. The coal being mined had been volleyfired and paint lines were painted on the roof to indicate where the mining had started after each shot.
5. The continuous mining machine was being operated by remote control and the operator was approximately 25 to 30 feet outby the machine cab.

## Findings of Fact


Evidence and findings of the investigation indicated there were no violations of Title 30 CFR which contributed to the occurrence of the accident.



Conclusion

Probable cause of the outburst of coal was a build-up of pressures in the advancing entry.

Respectfully submitted,

  
Robert L. Huggins  
Coal Mine Inspector

Approved by:

  
Jensen L. Bishop  
Subdistrict Manager

## APPENDIX

The investigation was conducted by the Mine Safety and Health Administration and those persons present during the investigation were:

### Mid-Continent Resources, Inc. Officials

Donald Ford	Safety Director
Tom Scott	Superintendent
George Prewitt	Mine Foreman
Ken Spangler	Master Mechanic
Dennis Bouwens	Section Foreman

### Mine Safety and Health Administration

Robert Huggins	Coal Mine Inspector
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